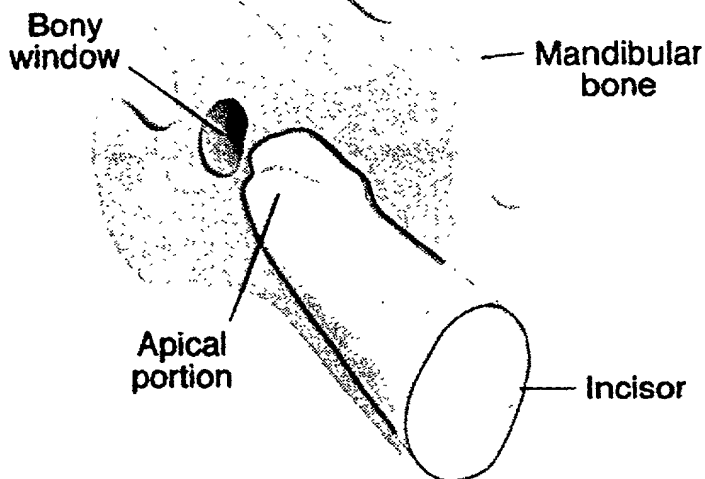


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(71) Applicant (for all designated States except US): UNIVERSITE DE MONTREAL [CA/CA]; 2900 Edouard-Montpetit, Montreal, Quebec H3T 1J4 (CA).		
(72) Inventors; and (75) Inventors/Applicants (for US only): ¹⁰⁶ NANJI, Antonio [CA/CA]; 9707 Ceres Street, Dollard-des-Ormeaux, Quebec H9B 3J3 (CA); ¹⁰⁶ VU, Duy-Dat [CA/CA]; 4562 Beaconsfield Street, Montreal, Quebec H4A 2H7 (CA). ¹⁰⁶ DANIEL, Nachaat, G. [CA/CA]; ¹⁰⁶ 6925 Messier Street, Brossard, Quebec J4Y 2G7 (CA).		
(74) Agents: COTE, France et al.; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College Avenue, Montreal, Quebec H3A 2Y3 (CA).		Published Without international search report and to be republished upon receipt of that report.

EL FOR EXPERIMENTAL MANIPULATION OF CALCIFIED TISSUES AND ASSOCIATED SOFT



(57) Abstract

The present invention relates to the use of a rodent's mandibular incisor as an experimental model for the local and selective targeting of the odontogenic organ and its associated periodontal tissues. A surgical technique was developed to create a 'window' in the alveolar bone overlying the apex of the rodent incisor to allow direct diffusion of specific experimental agents. While direct deposition in the window is possible in some circumstances, an osmotic minipump is preferred to deliver the specific experimental agents in the window.